

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): J. KOSAKA  
Serial No.: (not yet assigned)  
Filed: December 4, 2003  
For: OPTICAL AMPLIFIER

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 4, 2003

Sir:

In the matter of the above-identified application, this information disclosure statement is being submitted with the following citation as specified in 37 CFR 1.97(d).

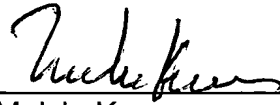
"A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 10/288,439, filed November 6, 2002, Serial No. 09/847,440, filed May 3, 2001, now U.S. Patent No. 6,483,630, Serial No. 09/500,241, filed February 8, 2000, now U.S. Patent No. 6,229,641, Serial No. 09/210,543, filed December 14, 1998, now U.S. Patent No. 6,038,062, and Serial No. 08/721,734, filed September 27, 1996, now U.S. Patent No. 5,864,423.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (500.34894CC5) and please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'Melvin Kraus', is written over a horizontal line.

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Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 500.34894CC5  
Serial No. (not yet assigned)  
Applicant: J. KOSAKA  
Filing Date: December 4, 2003  
Group:

U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
	5,268,786	12/93	Matsushita et al		
	5,381,257	1/95	Ferror		
	5,396,360	3/95	Majima		
	5,463,487	10/95	Epworth		
	5,500,756	3/96	Toshime et al		
	5,506,724	4/96	Shimizu et al		
	5,600,466	2/97	Tsushima et al		
	5,644,423	7/97	Iwano		
	5,664,131	9/97	Sugiya		
	5,675,432	10/97	Kosaka		
	5,864,423	1/99	Kosaka		
	6,038,062	3/00	Kosaka		
	6,229,647	5/01	Takahashi et al		
	6,417,964	7/02	Zhang et al		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
5-292033	11/93	Japan		
6-152034	4/94	Japan		
6-216452	5/94	Japan		
6-260720	9/94	Japan		
7-212347	8/95	Japan		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Optical Fiber Communication Procedure, 5/95, pps. 334-337

Method of Flatting Amplifying Characteristics of All of Multi-Waveforms from an Optical Fiber Amplifier  
Using a Control of a Fiber Amplifying Ratios, by Electronic Information Communication Society OCS 94-66,  
OPE 98-88 (1994-11)

Er:Doped Fiber Amplifier for WDM Transmission Using Fiber Gain Control, Y. Nakabayashi et al, Opto-  
Electronics Res. Labs., NEC Corporation, pps. 31-36, Institute of Electronics, Information and  
Communication Engineers, Technical Report of IEICE, 1994

Electronics Letters, Atkins et al, Vol. 25, 7/6/89, No. 14, pp. 910-911

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.